Vaughn Water Company, Inc. Bakersfield, California

2010 URBAN WATER MANAGEMENT PLAN

INDEX

DESCRIPTION		PAGE
1.1 1.2 1.3 1.4	PLAN PREPARATION Public Participation Plan Adoption Agency Coordination Implementation	1 1 1 2 3
SECTION 2	SYSTEM DESCRIPTION	4
2.1	Supplier Service Area	4
3.1 3.2 3.3 3.4 3.5 3.6	SYSTEM DEMANDS Groundwater and Underlying Districts Water Demands Baselines and Targets Forecast Based on Target CPCD Water Demands – Water Demand Projections Projected Low Income Water Demands	10 10 10 12 14 15
4.1 4.2 4.3 4.4 4.5 4.6 4.7	SYSTEM SUPPLIES Water Supply Sources: Groundwater Underlying Water Agencies – Sufficiency of Groundwater Supply Recycled Water Transfer of Exchange Opportunities Planned Water Supply Projects and Programs Development of Desalinated Water Wholesale Water	19 19 22 24 24 25 25 25
5.1 5.2 5.3	WATER SUPPLY RELIABILITY AND WATER SHORTAGE CONTINGENCY PLANNING Water Supply Reliability Water Shortage Contingency Planning Supply and Demand Comparison Provision	26 26 29 35

SECTION 6 6.1	DEMAND AND MANAGEMENT MEASURES Demand Management Measures	39 39	
6.2	Evaluation of Demand Management Measures	46	
SECTION 7	ADOPTION AND IMPLEMENTATION OF UWMP	47	
APPENDICES			
APPENDIX A:	Memorandum of Understanding Rosedale-Rio Bravo Water Storage District Appendix 2 – RRBWSD Study	48	
APPENDIX B:	GROUNDWATER DEPTHSFigure 1 – Hydrograph Krause Well 29/26-15H1 Figure 2 – Hydrograph Jewetta Well 29/27-30D50	49	